| b.cpp<br><u>Help</u>  |             | Switched ical away from factory, ripped some factory code out of calendar,<br>undated to use clobally monotonically increasing sequence numbers | change UID to be the DbRecID instead of a separate field. | Work on sync requests oetting requests oetting ready for device side sync requests | checked in some database fixes. | Update for receiving sync requests. | Opuate Ida synt; get receive synt requests to work.<br>Files that have changed between 1.7 and 2.0 | Applications 1.7 material | $oldsymbol{\mathbb{Q}}$ |
|---|-------------|---|---|--|---------------------------------|-------------------------------------|--|---------------------------|-------------------------|
| ndar/CalDb.<br>hangelist   H  | Description | Switched in   | change UII  | Work on sy   | checked in                      | Update for                          | Upuate Ica<br>Files that h   | Application               |                         |
| Revision History for //depot/main/Applications/calendar/CalDb.cpp<br> | Date        | 2000/01/28  | 2000/01/25  | 2000/01/18   | 2000/01/13                      | 2000/01/13                          | 2000/01/05   | 2000/01/05                |                         |
| ot/main/Applica   | Changelist  | 5283<br>6218  | 2209  | 5211<br>2366   | 2294                            | 2273                                | 1973   | 1966                      |                         |
| istory for //depo   | . ♥         | //depot/m//depot/m  | //depot/m   | //depot/m  | //depot/m                       | //depot/m                           | //depot/m  | //depot/m                 |                         |
| Revision His  | Revision    | 10 VAIII  |   | 2 2  |                                 | 4 6 6 7                             |  | - 22                      | Actions                 |

## CalDb.cpp

```
|||
|| Task Object(Date, Title, Priority, Text)
|Schedule Object(Date, Title, Text, Names, Location...)
Note Object(Date, Title, Text)
                                                                                                                                                                                  Journal Object(Timer)
                                             CalendarDatabase 1 <---- * CalendarObject 1 <---- 1 Date, virtual type, ...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            calendarDatabase;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            bool result = Database::backup_restore_completed();
    memset(&tAlarmTrigger, 0, sizeof(TIME));
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             bool CalendarDatabase::backup_restore_completed()
//
// Calendar Database that contains calendar objects:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  void CalendarDatabase::backup_restore_started()
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TIME CalendarDatabase::tAlarmTrigger;
                                                                                                                                                                                                                                                                                                                    #include "RimCalendar.hpp"
                                                                                                                                                                                                                                                                                                                                                       #include "calscreens.h"
#include "CalNotify.h"
#include "CalSequence.h"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           extern CalendarDatabase
                                                                                                                                                                                                                                                                                      #include "database.h"
                                                                                                                                                                                                                                                                                                                                                                                                                        namespace Calendar
                                                                                                                                                                                                                                                                                                                                       #include "caldb.h"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 return result;
                                                                                * * * * * * * * *
                                                                                                                                                                                                                                                                                                                  20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             40
                                                                                                                                             10
                                                                                                                                                                                                                                15
                                                            9
                                                                                                                                                                                                                                                                                                                                                                                                     25
```

## CalDb.cpp

```
void RIMCALL CalendarRecord::GetDateTimeEnds(int * Year, int * Month, int * DayOfMonth, int * HourOfDay, int * Minute)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  void RIMCALL CalendarRecord::GetDateTimeStart(int * Year, int * Month, int * DayOfMonth, int * HourOfDay, int * Minute)
// Note: update_field()will add field if it does not already exist if(update_field(fth, TYPE_FIELD_ID, &type, sizeof(type))== DB_INVALID_FIELD_HANDLE)
                                                                                                                                                                                                                     void RIMCALL CalendarRecord::SetUniqueIdentifier(int value)
                                                                                                                                                                                                                                                                                                                                                                                                            // increment our sequence id SetDeviceSequence());
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          void RIMCALL CalendarRecord::WriteWithoutUpdate()
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SendUpdateNotify(get_db_record_handle());
                                                                                                                                                                                                                                                                           set_db_record_id(DbRecordId(value));
                                                                                                                                                                                                                                                                                                                                                         void RIMCALL CalendarRecord::Write()
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DatabaseRecord::save();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  // send out notifications
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            WriteWithoutUpdate();
                                                                               SetError();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TIME time = GetTimeStarts();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TIME time = GetTimeEnds();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               *DayOfMonth = time.date;
*HourOfDay = time.hour;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       *Minute = time.minute;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           *Year = time.year;
*Month = time.month;
                                                                                                                                                                                                                                                                                                                                                                            099
                                                                                                   650
                                                                                                                                                                                                                                        655
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   670
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         675
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                685
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              089
```